

August 7, 2012

Approved

*Keith Lang*  
for Christopher Stone

TO: Christopher Stone  
FROM: Patricia Wood *P.W.*  
Facilities Section  
Water Resources Division

## **MONTEBELLO FIRE BURNED AREA REPORT**

### Recommendation

Authorize us to send copies of this report to the City of Montebello and the property owner apprising them of the potential impacts of the burned area.

### Background

Fire Name: Montebello Fire  
Date of Fire: July 9, 2012  
Burned Area: 5 acres  
Location: The fire occurred on several hillsides of the Montebello Hills Oil Field in the City of Montebello. Refer to Thomas Guide Page 636-F6

### Attachment

Burned Area Map

### Fire History

Our records indicate that the Montebello Fire area was not previously burned.

### Vegetation Types Before Burn

Coastal sage scrub and scattered trees

### Summary of Potential Sediment Impact

On July 18, 2012, Water Resources Division staff conducted a field reconnaissance of the burned area to determine if residential properties and/or Public Works maintained facilities could potentially be impacted by the flooding/debris flows during storm events. The burned area is within the Montebello Hills Oil Field, which is privately owned and

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### Subarea 3

Subarea 3 consists of a total of 6 acres and was 23 percent burned creating an adjusted debris potential of 280 cy. During moderate to severe storm events, mud and debris material from the burned hillside may potentially flow onto an access road and spread over a wide, flat open area at the toe of the burned hillside. Mudflow from the burned hillside may potentially overwhelm the oil well pad and pipeline at the toe of the burned hillside.

It is recommended that the property owner consult a professional to identify and implement measures to protect the oil well from potential debris flows.

If you have any questions regarding this report, please contact Kenneth Rickard at Extension 6154, or Hans Riedel at Extension 6300.

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HR  
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Attach.